

[GENERATOR HAVING FLANGE BAFFLE AND METHOD FOR CONTROLLING VENTILATION FLOW]

Abstract of Disclosure

In an electromagnetic generator with a reverse-flow ventilation scheme, a baffle structure is provided to guide the outside space block cooling gas all the way to the stator core inner diameter. The baffle structure helps cool the first package by preventing hot air recirculations that conventionally occur at the tip of the flange and next to the first tooth.

Figures

Figure 1: A line graph showing the relationship between the number of figures and the number of pages. The x-axis is labeled 'Number of Figures' and ranges from 0 to 10. The y-axis is labeled 'Number of Pages' and ranges from 0 to 10. The graph shows a linear relationship where the number of pages increases by 1 for every 1 figure added. The data points are (0, 0), (1, 1), (2, 2), (3, 3), (4, 4), (5, 5), (6, 6), (7, 7), (8, 8), (9, 9), and (10, 10).